

Parameters
1. Time or Relative Time Counts
2. Pressure Altitude
3. Indicated airspeed or Calibrated airspeed
4. Heading (Primary flight crew reference)
5. Normal Acceleration (Vertical)
6. Pitch Attitude
7. Roll Attitude
8. Manual Radio Transmitter Keying or CVR/DFDR synchronization reference
9. Thrust/Power on each engine—primary flight crew reference
10. Autopilot Engagement
11. Longitudinal Acceleration
12a. Pitch control(s) position (nonfly-by-wire systems)
13a. Lateral control position(s) (nonfly-by-wire)
14a. Yaw control position(s) (nonfly-by-wire)
15. Pitch control surface(s) position
16. Lateral control surface(s) position
17. Yaw control surface(s) position
18. Lateral Acceleration
19. Pitch Trim Surface Position
20. Trailing Edge Flap or Cockpit Control Selection
21. Leading Edge Flap or Cockpit Control Selection
22. Each Thrust reverser Position (or equivalent for propeller airplane)
23. Ground Spoiler Position or Speed Brake Selection
24. Outside Air Temperature or Total Air Temperature
25. Autopilot/Autothrottle/AFCS Mode and Engagement Status
26. Radio Altitude
27. Localizer Deviation, MLS Azimuth, or GPS Lateral Deviation

Parameters
28. Glideslope Deviation, MLS Elevation, or GPS Vertical Deviation
29. Marker Beacon Passage
30. Master Warning
31. Air/ground sensor (primary airplane system reference nose or main gear)
32. Angle of Attack (If measured directly)
33. Hydraulic Pressure Low, Each System
34. Groundspeed
35. GPWS (ground proximity warning system)
36. Landing Gear Position or Landing gear cockpit control selection
37. Drift Angle
38. Wind Speed and Direction
39. Latitude and Longitude
40. Stick shaker and pusher activation
41. Windshear Detection
42. Throttle/power lever position
43. Additional Engine Parameters
44. Traffic Alert and Collision Avoidance System (TCAS)
45. DME 1 and 2 Distance
46. Nav 1 and 2 Selected Frequency
47. Selected barometric setting
48. Selected altitude
49. Selected speed
50. Selected Mach
51. Selected vertical speed
52. Selected heading
53. Selected flight path
54. Selected decision height
55. EFIS display format
56. Multi-function/Engine Alerts Display format
57. Thrust comand

Parameters
58. Thrust target
59. Fuel quantity in CG trim tank
60. Primary Navigation System Reference
61. Ice Detection
62. Engine warning each engine vibration
63. Engine warning each engine over temp.
64. Engine warning each engine oil pressure low
65. Engine warning each engine over speed
66. Yaw Trim Surface Position
67. Roll Trim Surface Position
68. Brake Pressure (left and right)
69. Brake Pedal Application (left and right)
70. Yaw or sideslip angle
71. Engine bleed valve position
72. De-icing or anti-icing system selection
73. Computed center of gravity
74. AC electrical bus status
75. DC electrical bus status
76. APU bleed valve position
77. Hydraulic Pressure (each system)
78. Loss of cabin pressure
79. Computer failure (critical flight and engine control systems)
80. Heads-up display (when an information source is installed)
81. Para-visual display (when an information source is installed)
82. Cockpit trim control input position—pitch
83. Cockpit trim control input position—roll
84. Cockpit trim control input position—yaw
85. Trailing edge flap and cockpit flap control position
86. Leading edge flap and cockpit flap control position
87. Ground spoiler position and speed brake selection
88. All cockpit flight control input forces (control wheel, control column, rudder pedal)